

I-3
10/2/00

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

EPA Region 5 Records Ctr.



306677

I. HEADINGS

DATE: October 2, 2000

SUBJECT: Jefferson Processing Site (Mingo Junction, Jefferson County, Ohio)

FROM: Thomas Cook, OSC, U.S. EPA Region V, ERB, Chicago, IL

TO: K. Mould, U.S. EPA, OSWER, Washington, D.C. (VIA LAN)
R. Karl, Chief, U.S. EPA Region V, ERB, Chicago, IL (VIA LAN)
W. Messenger, U.S. EPA Region V, ESS, ERB, Chicago, IL (VIA LAN)
V. Narsete, U.S. EPA Region V, OPA, ERB, Chicago, IL (VIA LAN)
L. Nachowicz, Section Chief (RS-3), U.S. EPA Region V, ERB, Chicago, IL (VIA LAN)
G. Vasaturo, U.S. EPA Region V, ORC, Chicago, IL (VIA LAN)
J. Finn, U.S. EPA Region V, Chicago, IL (VIA LAN)
M. Chezick, U.S. DOI, Philadelphia, PA (michael_chezick@ios.doi.gov)
L. Fabinski, ATSDR (VIA LAN)
C. Jones, Director, Ohio EPA, Columbus, OH (christopher.jones@epa.state.oh.us)
M. Stewart, Ohio EPA, DHWM, SEDO, Logan, OH . . (melody.stewart@epa.state.oh.us)

POLREP #5

II. BACKGROUND

Site ID No: B5C2

CERCLIS No: OHSFN0508038

Response Authority: CERCLA

Demobilization Date: TBD

Delivery Order No: 0042

NPL Status: Non-NPL

Start Date: August 1, 2000

Completion Date: TBD

III. SITE DESCRIPTION

A. Incident Category

CERCLA Removal at an inactive facility

B. Site Description

1. Site location and background

See POLREP #1.

2. Description of threat

See POLREP #1.

C. Preliminary Assessment/Site Inspection Results

See POLREP #1.

IV. RESPONSE INFORMATION

A. Situation and Actions Taken

1. Current situation

A total of approximately 33,000 gallons of non-hazardous (i.e., <50 ppm PCBs) and hazardous (i.e., ≥50 ppm PCBs) oils from 18 transformers have been drained and transported off site for treatment and/or disposal. A total of 11 transformers and their vaults have undergone demolition, cleanup, and dismantling work in preparation for removal operations and transportation and disposal (T & D). A total of 159 capacitors have been inventoried and overpacked into salvage drums and are presently awaiting T & D. U.S. EPA, START, and Emergency and Rapid Response Services (ERRS) personnel completed Phase IIA of the planned removal actions on September 29, 2000. An ERRS subcontractor has been selected to perform Phase IIB of the planned removal actions (i.e., transformer removal via rigging/cranes).

2. Removal activities to date

On Monday, September 25, 2000, ERRS personnel performed the following tasks:

- Cleanup and dismantling of transformer J1-I.
- Began the dismantling of transformer J1-E.
- Preparations for demolition of transformer vaults J1-E and J2-N.

On Tuesday, September 26, 2000, ERRS personnel completed the following tasks:

- Demolition, cleanup, and dismantling of transformer/vault J2-N.
- Demolition of transformer vault J1-E.

On Wednesday, September 27, 2000, ERRS personnel completed the following tasks:

- Cleanup and dismantling of transformer J1-E.
- Demolition, cleanup, and dismantling of transformer PH-M.
- Demolition of transformer vault J1-C.

Also, the ERRS chemist began hazard categorization activities on the contents of the miscellaneous containers which are staged in Building J1 in preparation for compatible waste bulking.

On Thursday, September 28, 2000, ERRS personnel completed the following tasks:

- Cleanup and dismantling of transformer J1-C.
- Demolition, cleanup, and dismantling of transformers/vaults J1-A and J1-B.
- Compatible waste bulking of the contents of the miscellaneous containers.

On Friday, September 29, 2000, ERRS personnel performed decontamination procedures on equipment used on site in preparation for demobilization. START member conducted aerial photo-

and video-documentation during an airplane overflight of the Site and surrounding properties. ERRS Response Manager received approval from OSC Cook to select the rigging/crane subcontractor for the completion of Phase IIB of the planned removal actions.

B. Planned Removal Actions

- Phase I: Removal and off-site disposal of all capacitors and miscellaneous containers of hazardous materials.
Phase IIA: Demolition, cleanup, and dismantling of transformers/vaults.
Phase IIB: Removal of transformers via rigging/cranes.
Phase IIC: Transportation and off-site disposal of all transformer carcasses.

C. Next Steps

- U.S. Coast Guard (USCG) - Atlantic Strike Team and START personnel are scheduled to conduct a visual extent of contamination assessment/survey of the entire 325-acre property on which the Site is located during October 3-5, 2000. Due to the nature of the terrain, 4-wheeled all-terrain vehicles (ATVs) will be utilized by USCG and START personnel for the assessment/survey.
- ERRS contractor to select a subcontractor for the transportation and off-site disposal of all transformer carcasses. The transformer removal period via rigging/cranes is to be completed by an ERRS subcontractor by October 20, 2000. The T & D of transformer carcasses is to be completed by an ERRS subcontractor by November 3, 2000.
- Removal, transportation, and off-site disposal of all transformers, capacitors, and miscellaneous containers.

D. Key Issues

- USCG ATVs are to be utilized for the site assessment/survey due to the unavailability of local vendors.
- 24-hour on-site security is to be maintained due to an increase in public awareness of the Site.

V. ESTIMATED COSTS (AS OF C.O.B. ON 9/29/00)

EPA Costs	\$29,353.28
ERRS Costs	\$255,244.93
<u>START Costs</u>	<u>\$35,571.95</u>
TOTAL COSTS TO DATE	\$320,170.16
 Project Ceiling	 \$633,000.00
Project Funds Remaining (percentage)	49.42%

VI. DISPOSITION OF WASTES

<u>Dates Removed</u>	<u>Waste Category</u>	<u>Approximate Volume (gallons)</u>
8/26/00	"High-level" (>500 ppm) PCB oils	3,365

8/26 and 8/28/00	“Low-level” (50 to 500 ppm) PCB oils	19,590
8/30/00	Non-hazardous (<50 ppm PCBs) oils	9,633